

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED

UTILITY LEGEND	
—SD—	STORM DRAIN
—G—	GAS MAIN
—W—	WATER MAIN
—S—	SEWER MAIN
—E—	ELECTRIC CABLES
—A—	AERIAL CABLES
—T—	TELEPHONE CABLES
—F—	FIBER-OPTIC


- CONSTRUCTION DETAILS:**
- A. INSTALL CONCRETE FOUNDATION FOR A 16.5 FT. STEEL POLE WITH 60 FT. MAST ARM (CUT TO 40'), LED TRAFFIC SIGNAL HEADS, SIGN AND NEMA "G" POLE MOUNTED CABINET. (NOTE: 1-3 IN. AND 1-2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT BEND).
 - B. INSTALL CONCRETE FOUNDATION FOR A 16.5 FT. STEEL POLE WITH 60 FT. MAST ARM (CUT TO 50'), LED TRAFFIC SIGNAL HEADS, SIGN AND NEMA "G" POLE MOUNTED CABINET. (NOTE: 1-3 IN. AND 1-2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT BEND).
 - C. INSTALL METERED SERVICE PEDESTAL EMBEDDED
 - D. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED, PROVIDE CONDUIT BEND AT THE BASE OF THE UTILITY POLE. INSTALL POWER CABLE AND COIL TO EXISTING WOOD POLE (PEPCO STANDARDS).
 - E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
 - F. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
 - G. INSTALL HANDHOLE
 - H. INSTALL 5 FT. x 5 FT. CONCRETE PAD FOR CABINET ACCESS.
 - J. CUT INTO SLOPE AND INSTALL RETAINING WALL MADE OF 4' x 6' WOOD SIGN SUPPORTS. PROVIDE CONCRETE SIDEWALK CAP. (SEE GENERAL NOTE 6).
 - K. REMOVE SIDEWALK SECTION, INSTALL TRENCHED CONDUIT AND REPAIR SIDEWALK.

- GENERAL NOTES:**
- 1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
 - 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
 - 3. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
 - 4. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 818.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
 - 5. SELECT TREE TRIMMING FOR SIGNAL POLE TO THE WEST, TO BE DONE BY OTHERS.
 - 6. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO DETERMINE THE HEIGHT AND DEPTH OF THE RETAINING WALL FOR ADEQUATE SUPPORT OF THE SLOPE.
 - 7. DUE TO THE SLOPE LOCATED AT THE PROPOSED MAST ARM POLE FOR EASTBOUND TRAFFIC, THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS WHEN SETTING THE MAST ARM POLE DUE TO AN OVERHEAD COMMUNICATION CABLE. THE POLE FOUNDATION SHALL BE SET AT GRADE WITH THE SIDEWALK.

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APPROVALS	
TEAM LEADER	7/1/11
DESIGN CHIEF	7/13/11
DIVISION CHIEF	7/14/11
OFFICE DIRECTOR	7/14

REVISIONS	



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 396 (MASSACHUSETTS AVENUE) BETWEEN
FT. SUMNER DRIVE AND BRILEY PLACE
LITTLE FLOWER AND WESTLAND MIDDLE SCHOOLS
BETHESDA, MD

SIGNALIZATION PLAN SHEET

SCALE: 1" = 20' ADVERTISED DATE: 07/2011 CONTRACT NO.: XX655185

DESIGNED BY	CW	COUNTY	MONTGOMERY
DRAWN BY	CW	LOGMILE	15039601.34
CHECKED BY	JB	TIMS NO.	L001
F.A.P. NO.		TOD NO.	

TS NO. 4799	DRAWING	OF	SHEET NO. 1 OF 2
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PLOTTED: Friday, July 08, 2011 AT 01:17 PM
FILE: P:\09-002 1ED0\Task 66 MD 396 and Ft. Sumner D\Drawings\CADD\Working\25G-P001_M396@Sumner.dgn